



Software-as-a-Service: How Cloud and SaaS Come Together to Provide Public Safety Stakeholders a Platform for Tomorrow

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The migration to the Cloud is happening.

The Public Sector – and Public Safety – are doing it today.

- Lots of examples from yesterday's panel.
- And it's happening nationwide.
- SaaS often comes along for the ride.



Why move to the Cloud (and SaaS)?

Simply, because of the benefits, like some we discussed yesterday.



Managed I/T Services

The benefits of Cloud at RapidDeploy



- Ease of Deployment



- Cost of Ownership



- Reliability and Security



- Features and Functionality

Ease of Deployment

Easy and fast to deploy to agencies and configure to their needs.

- No expensive hardware
- No multi-year implementation
- No need for software customization



Cost of Ownership

Affordable for agencies of all sizes.

- No more expensive hardware and on-premise infrastructure that breaks the bank for smaller agencies.
- Democratizes 9-1-1 centers and public safety with full features and functionality.



Reliability and Security

Highly resilient.

- Highly available and fault tolerant with best-in-class cybersecurity.
- No more reliance on single point of failure and vulnerable infrastructure.
- No more downtime for updates.
- Government-level security.



Features and Functionality


Rich in features and interfaces.

- Features, interfaces, and integrations that are always up to date.
- No more scheduled downtime for software patches and upgrades.
- No more expensive interface fees.
- Access all of the features and functions no matter the size of your agency.



Some lessons learned in California

Cloud-based approach to the Cal OES Location Accuracy Project




RapidDeploy

EDGE ANALYTICS

a future-proof analytics solution that ingests your phone and CAD data into the cloud and generates unique insights and reports, including predictive and prescriptive analytics supported by Artificial Intelligence.

[Learn More >](#)



RapidDeploy

RADIUS MAPPING

a best in class tactical mapping solution that leverages a deep ESRI integration and a variety supplemental location data sources, optimized for use by 9-1-1 call-takers.

[Learn More >](#)



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Ease of Deployment

Cloud-based approach to the Cal OES Location Accuracy Project

- Ability to rapidly deploy all PSAPs – 440 statewide – in 2019
- PSAP deployment takes less than an hour
- No interruption of service during installation



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Cost of Ownership

Cloud-based approach to the Cal OES Location Accuracy Project

- Free to PSAPs - Software-as-a-Service license fee covered by Cal OES
- No upfront equipment cost
- Allows for cost-effective connectivity options using existing contracts



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Reliability and Security

Cloud-based approach to the Cal OES Location Accuracy Project

- Government-level compliance and cybersecurity in Microsoft Azure Government Cloud
- High availability and redundancy in multiple secure data centers
- Secure, Encrypted Connectivity



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Features and Functionality

Cloud-based approach to the Cal OES Location Accuracy Project

- Integration with ALI (automatic query)
- Experienced RapidSOS partner
- Advanced Esri integration that supports local and regional GIS data
- Live traffic and weather feeds
- Base maps for the entire State
- Future-proof cloud platform

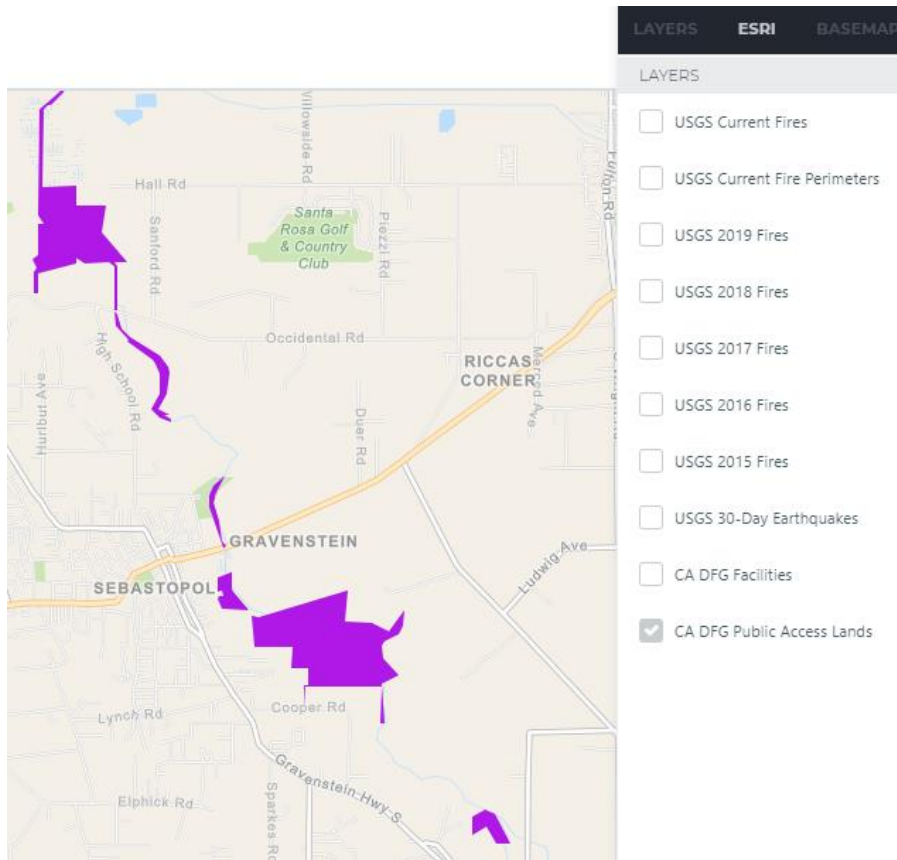


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Situational Awareness with GIS

Use any Esri layers from County/City/State/Corporate GIS data.

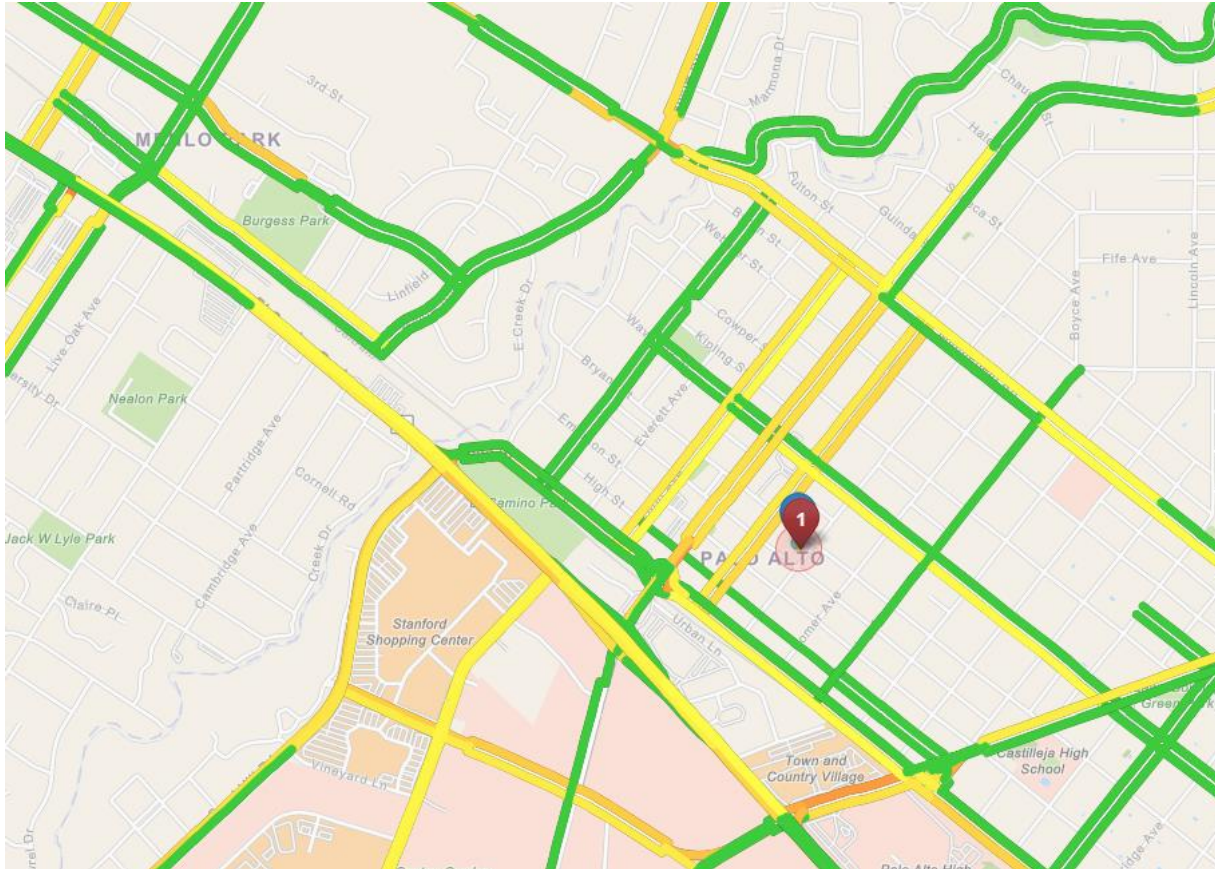


- Fire boundaries
- Flood plains
- School districts
- Traffic cameras
- Public lands
- Trail maps
- Utilities status & outages
- Beats & response areas
- Public transport network
- Historical incident data
- Jurisdictional boundaries
- And many more.. – unlimited possibilities!



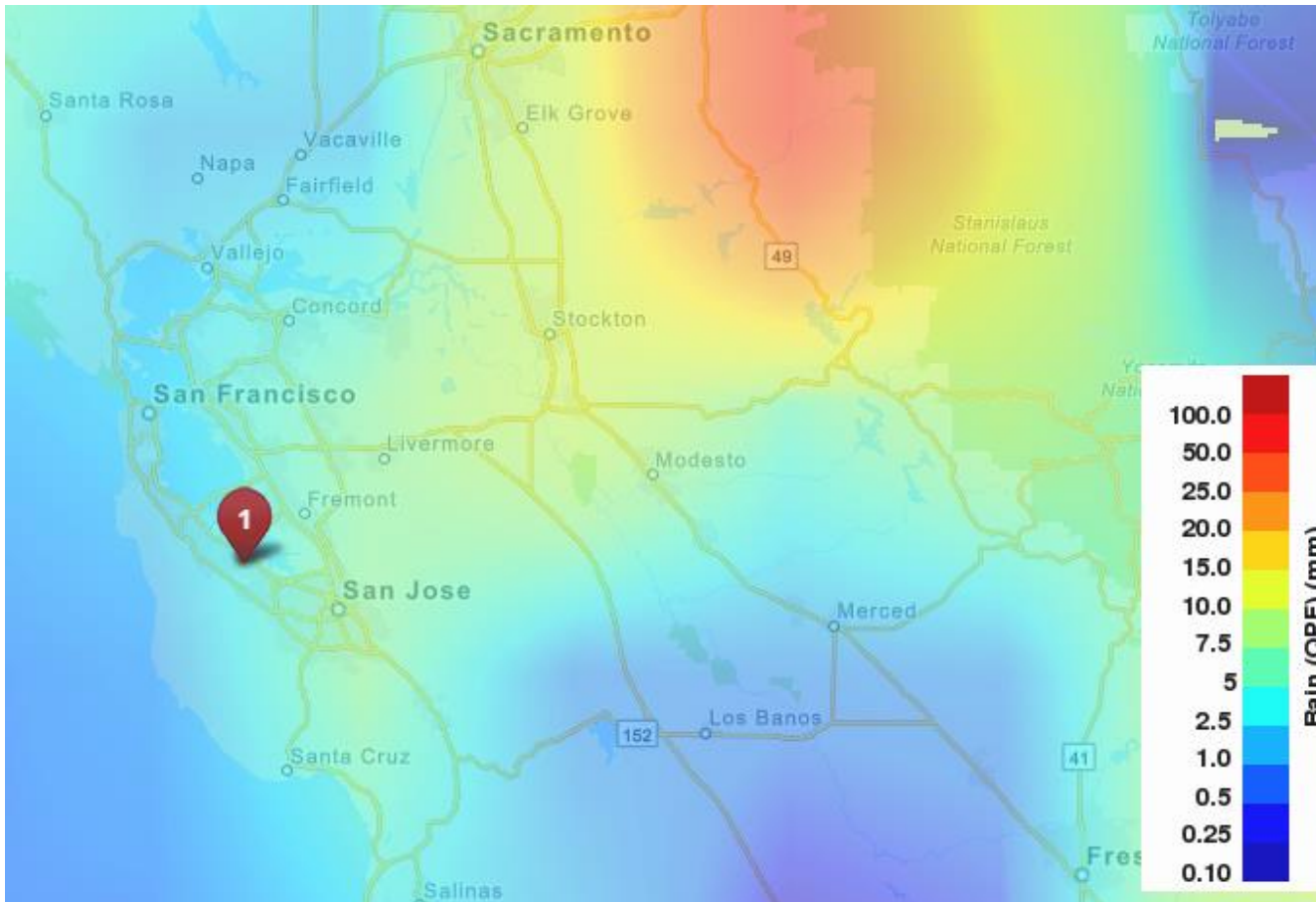
Situational Awareness with GIS

Display and utilize live traffic data.



Situational Awareness with Additional Content

Consume live weather data.



Powered by
Dark Sky

Interoperability with GIS

Leverage over 20 nationwide basemaps. Extend your map.



Basemaps from Esri & others are always kept up to date - no manual GIS data provisioning required.

A Platform for Tomorrow

The Cloud's benefits keep on giving.



**Ease
of
Deployment**



**Cost
of
Ownership**



**Reliability
and
Security**



**Features
and
Functionality**



Rapid Deploy

CLOUD AIDED DISPATCH

